

## Asahi Glass AFLAS® MZ TFE/P/VdF Fluoroelastomer

Category : Polymer , Thermoset , Fluoropolymer, TS , Thermoset Fluoroelastomer , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

AFLAS® MZ is a terpolymer composed of tetrafluoroethylene, propylene and vinylidene fluoride. AFLAS® MZ offers a good balance of chemical resistance and improved low temperature performance and is categorized in ASTM D 1418-01 as class FKM, type four. Information provided by Asahi Glass Company, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Asahi-Glass-AFLAS-MZ-TFEPVdF-Fluoroelastomer.php](http://www.lookpolymers.com/polymer_Asahi-Glass-AFLAS-MZ-TFEPVdF-Fluoroelastomer.php)

| Physical Properties | Metric                    | English                   | Comments  |
|---------------------|---------------------------|---------------------------|-----------|
| Specific Gravity    | 1.60 g/cc                 | 1.60 g/cc                 | ASTM D792 |
| Mooney Viscosity    | 50<br>@Temperature 100 °C | 50<br>@Temperature 212 °F | ML1+10    |

| Mechanical Properties     | Metric                      | English                     | Comments  |
|---------------------------|-----------------------------|-----------------------------|-----------|
| Hardness, Shore A         | 74                          | 74                          |           |
| Tensile Strength at Break | 13.7 MPa                    | 1990 psi                    | ASTM D638 |
| Elongation at Break       | 210 %                       | 210 %                       | ASTM D638 |
| Compression Set           | 32 %<br>@Temperature 200 °C | 32 %<br>@Temperature 392 °F | 70h       |

| Thermal Properties        | Metric   | English | Comments |
|---------------------------|----------|---------|----------|
| Glass Transition Temp, Tg | -13.0 °C | 8.60 °F |          |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
| Fluorine Content %     | 60    |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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